

Tempe Fire Department Policies and Procedures
Fire Mechanic
410.020
Rev 7-13-94

DEFINITION

To perform a variety of technical tasks relative to the maintenance of fire safety equipment.

SUPERVISION RECEIVED AND EXERCISED

Receives general supervision from the Senior Fire Mechanic or from other supervisory or management staff.

EXAMPLES OF DUTIES

Duties may include, but are not limited to, the following:

- Service all Fire Department vehicles, standby power supplies such as auxiliary generators, fire pumps and their components as well as other complex fire apparatus on a regularly scheduled basis.
- Perform major and minor repairs on all Fire Department apparatus and equipment, such as engine overhauls, major pump repairs, and hydraulic equipment repairs to ensure they will perform under emergency conditions.
- Make major improvements or modifications to new or existing fire apparatus in accordance with departmental needs and specifications.
- Maintain communication with members of the Fire Department to ensure apparatus and equipment is properly cared for and maintained.
- Maintain and repair all tools and appliances carried on fire apparatus.
- Maintain complete and accurate maintenance and repair records for all apparatus and equipment.
- Conduct apparatus pump tests.
- Attend training courses, read and study assigned materials related to emergency operations and fire apparatus maintenance.
- Perform related duties as assigned.

QUALIFICATIONS

Knowledge of:

- Modern procedures and methods of automotive maintenance.
- Automotive and other firefighting equipment and apparatus.
- Gas, arc, and acetylene welding.

- Principles of record keeping.
- Safe work practices.

Ability to:

- Use and maintain all firefighting apparatus.
- Diagnose and correct automotive and pump operative problems.
- Perform the mechanical work involved in operating, maintaining, and repairing firefighting apparatus, equipment, and tools.
- Maintain work records.
- Communicate clearly and concisely, both orally and in writing.
- Establish and maintain cooperative working relationships with those contacted in the course of work.

Experience and Training Guidelines

Any combination of experience and training that would likely provide the required knowledge and abilities is qualifying. A typical way to obtain the knowledge and abilities would be:

Experience:

Two years of increasingly responsible automotive mechanical experience, preferably in heavy or diesel fire equipment.

Training:

Equivalent to the completion of the twelfth grade supplemented by special training in automotive mechanic and diesel equipment or a related field.

Licenses and Certificates

- Possession of, or ability to obtain, an appropriate, valid Arizona driver's license.